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FIG. 1A

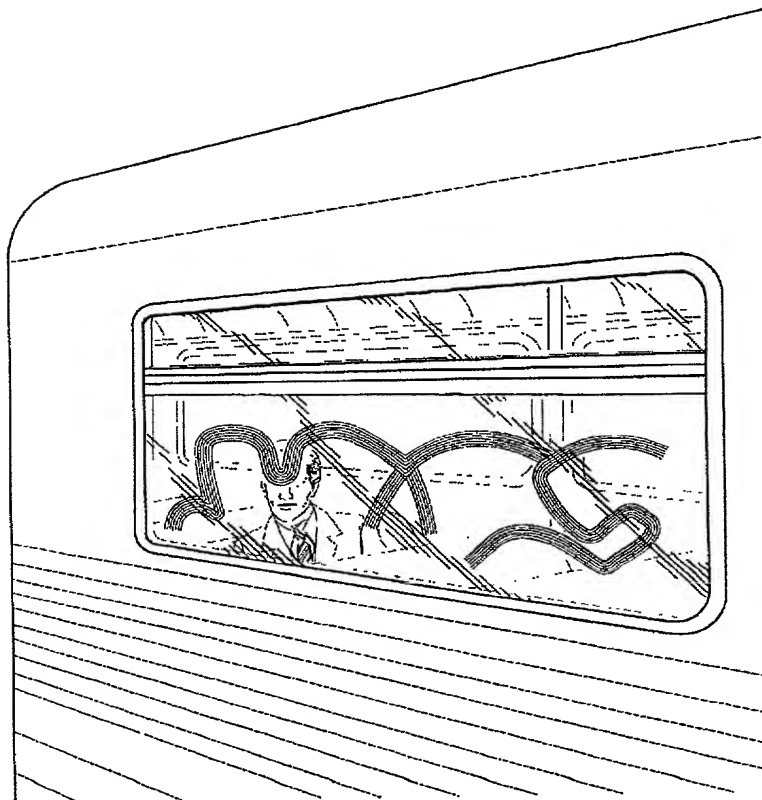


FIG. 1B

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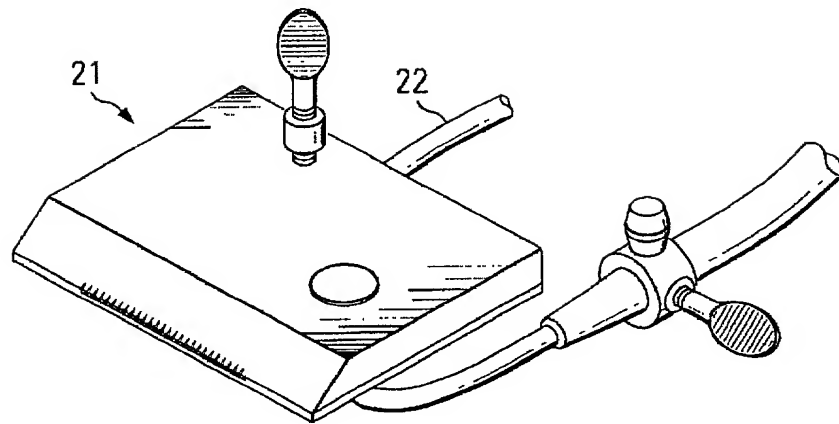


FIG. 2

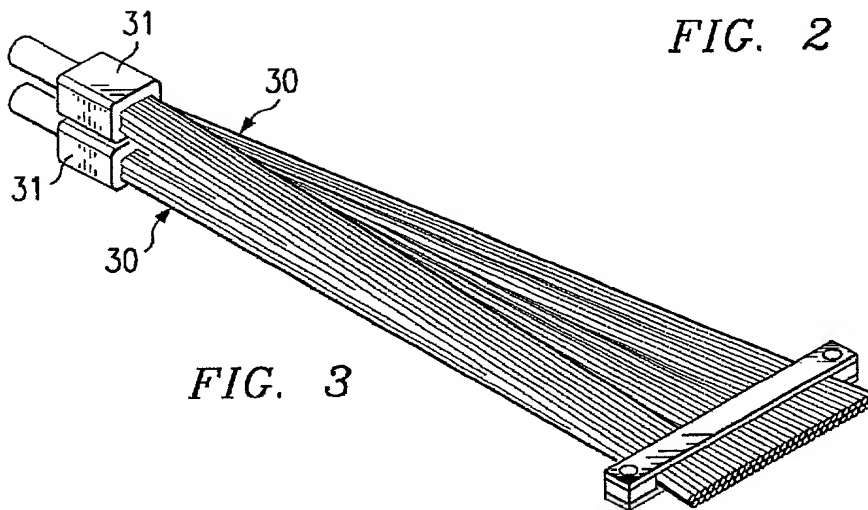


FIG. 3

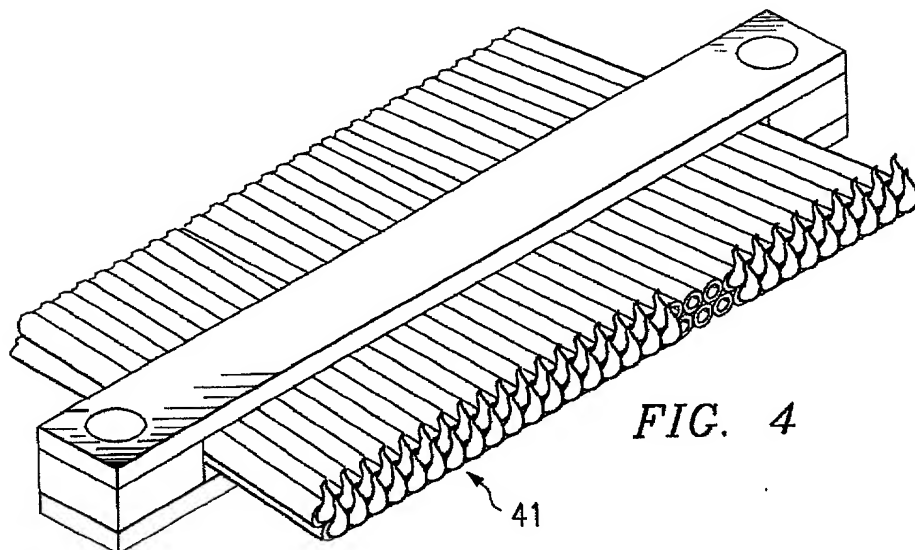


FIG. 4

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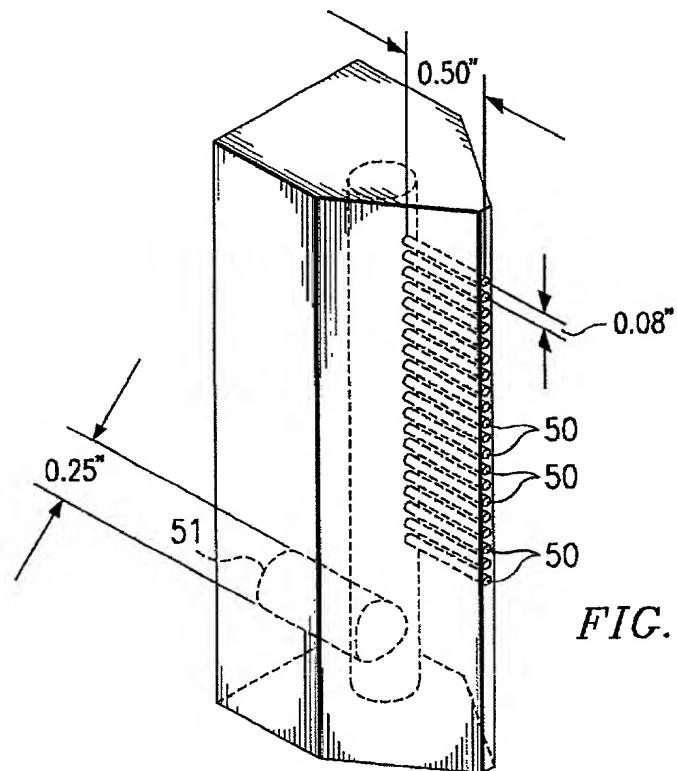


FIG. 5

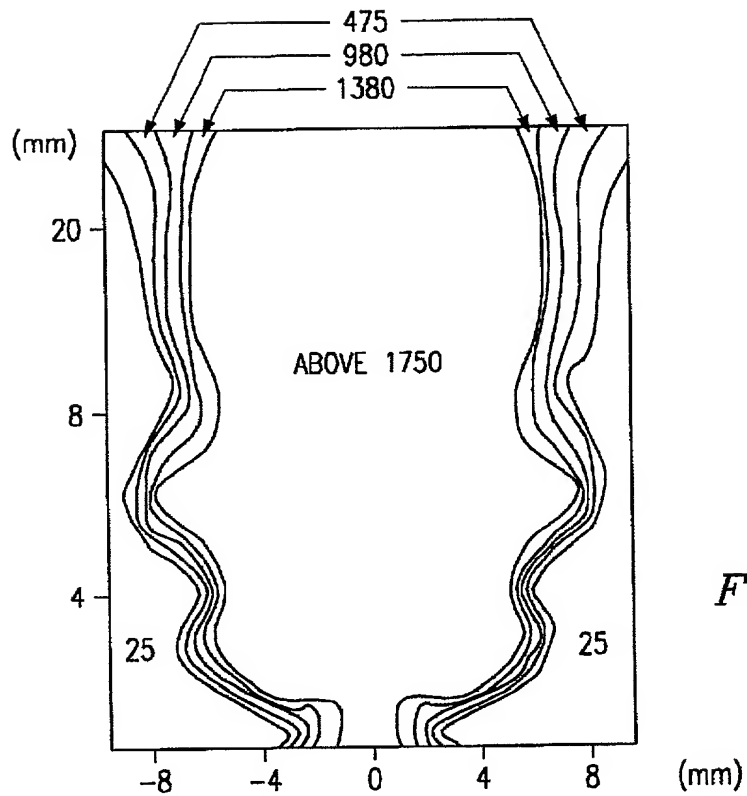
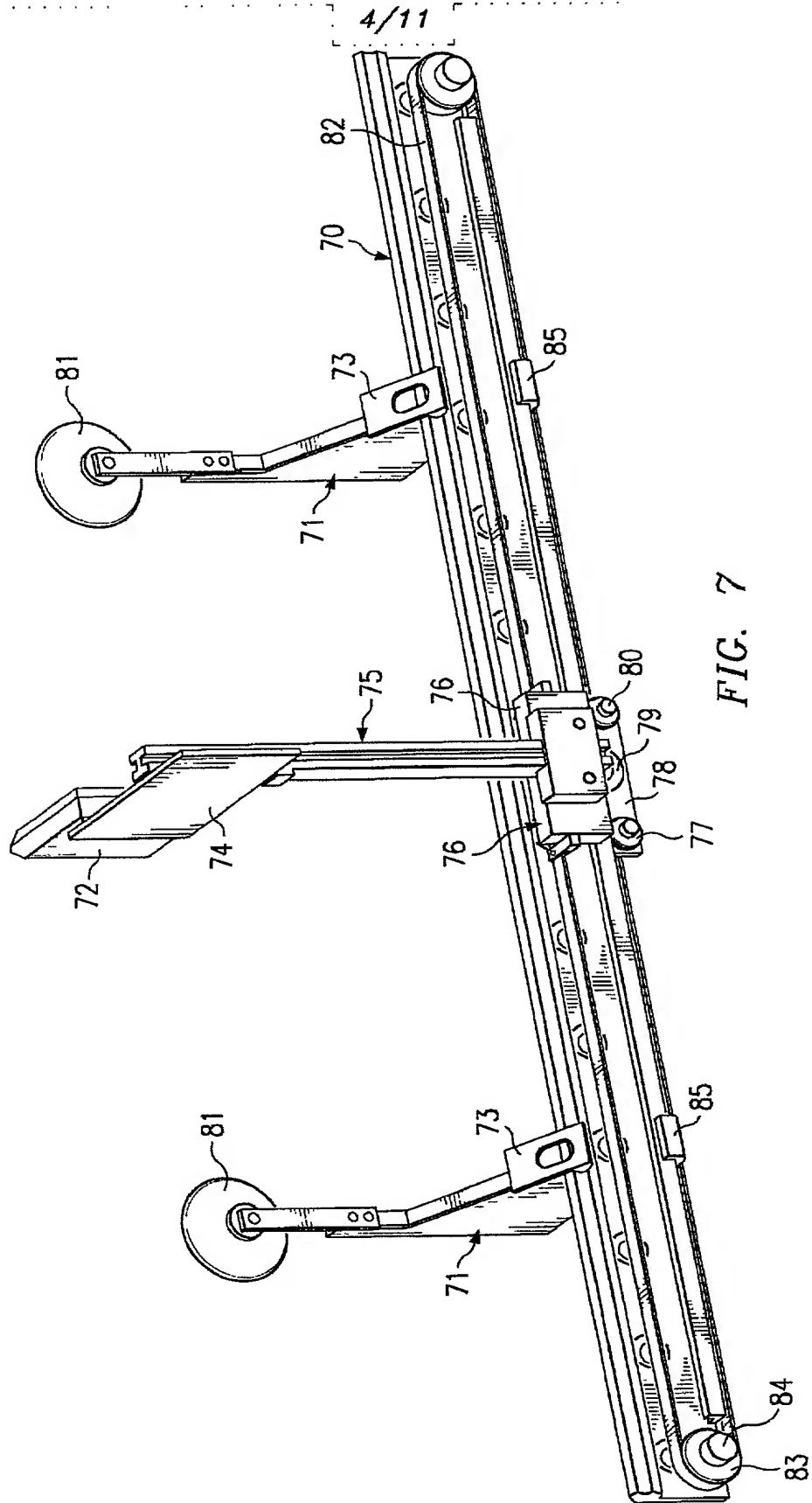


FIG. 6

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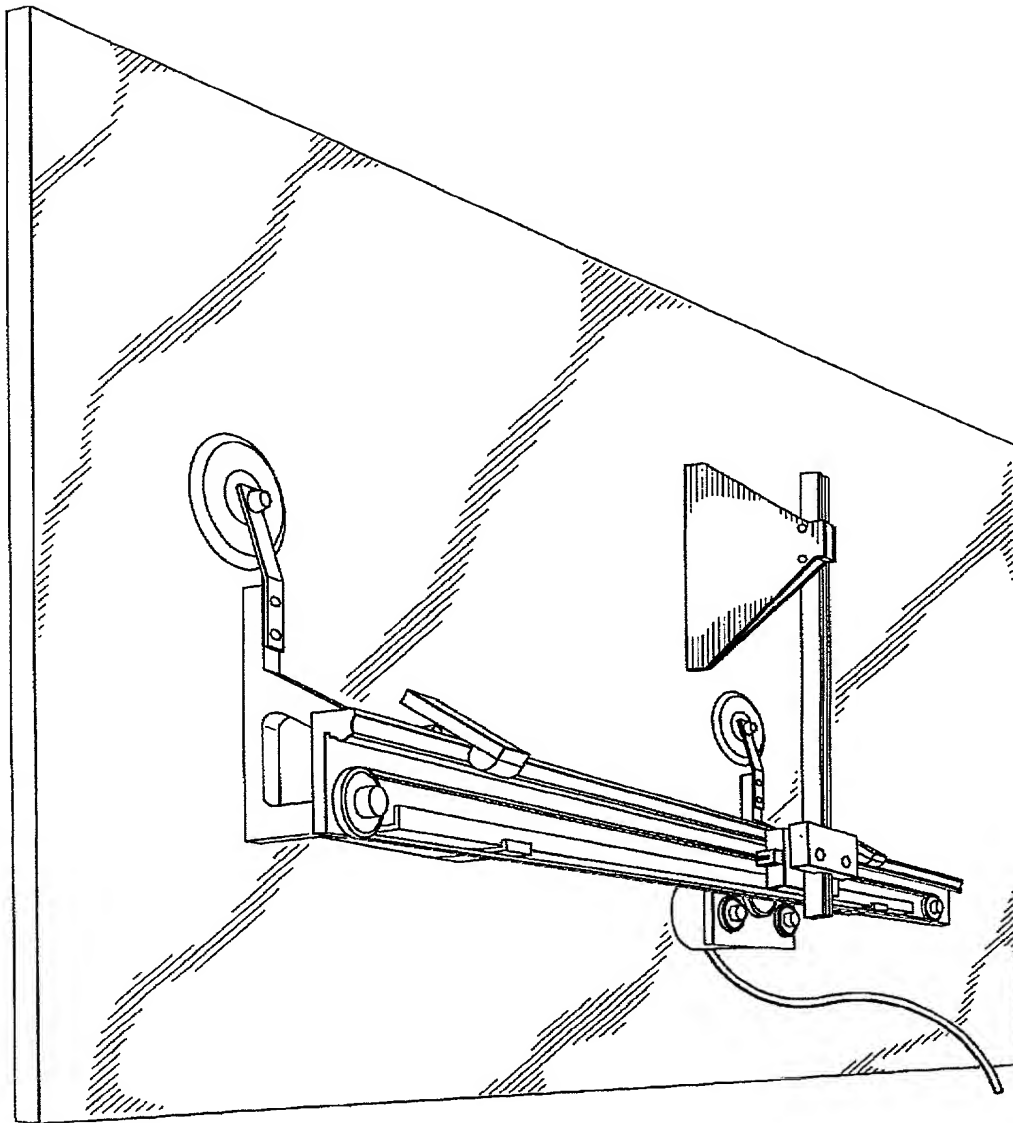


FIG. 8

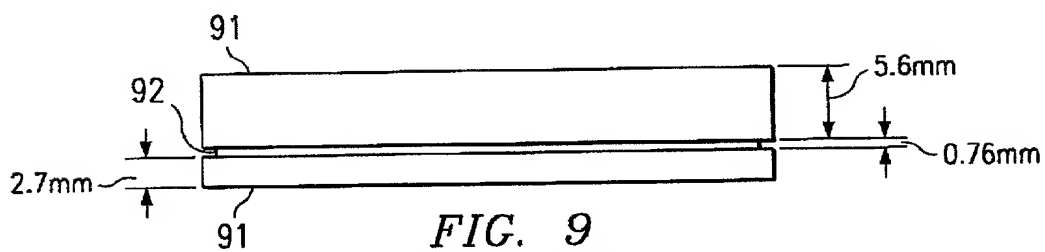


FIG. 9
(PRIOR ART)

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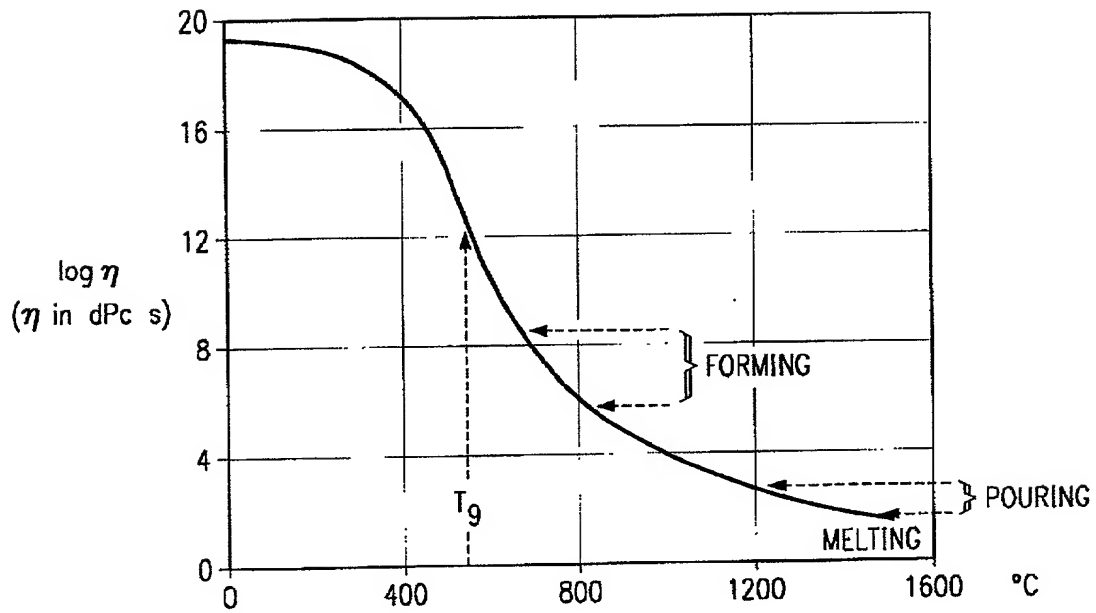


FIG. 10

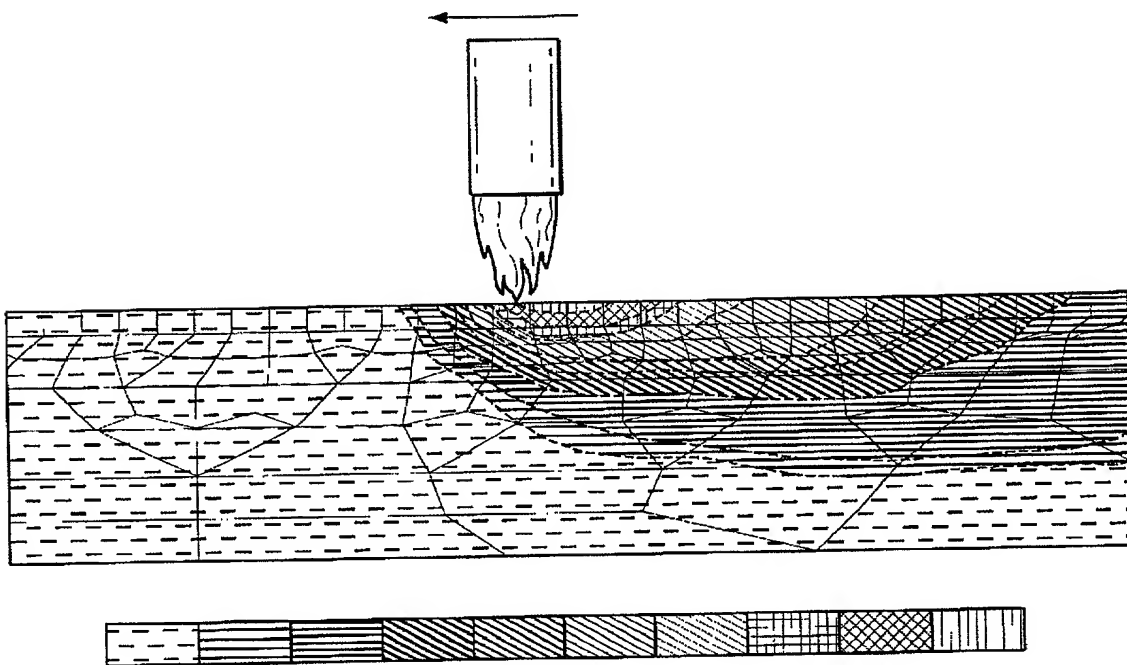


FIG. 12

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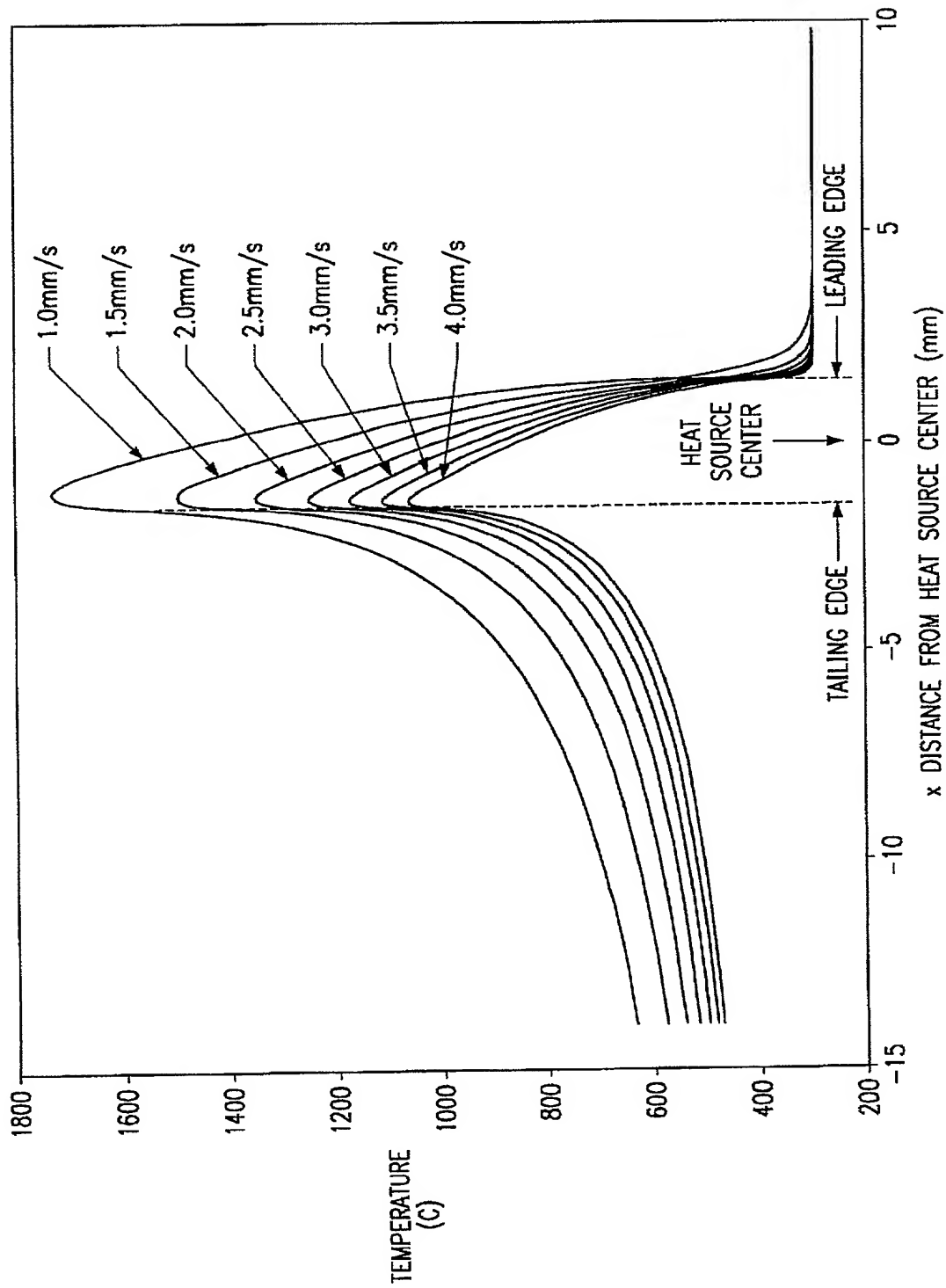


FIG. 11

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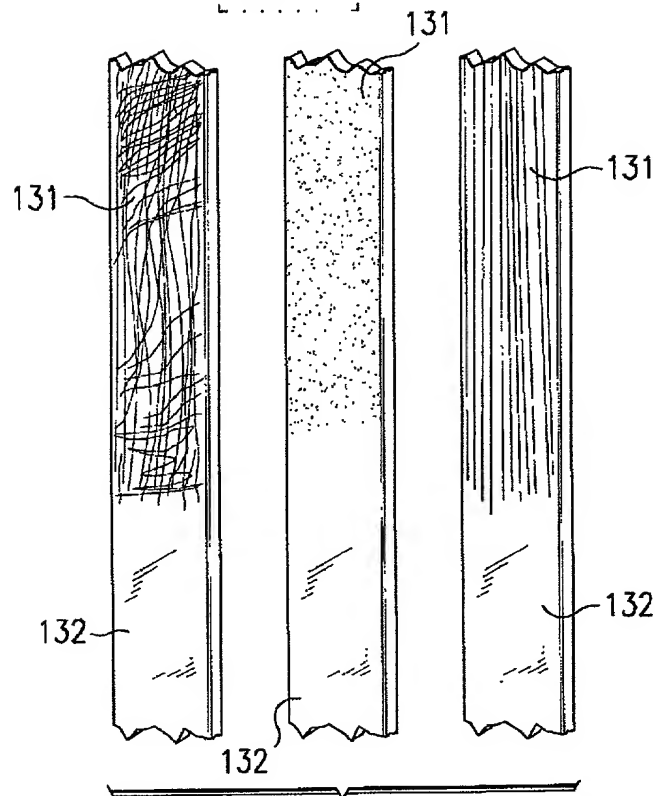


FIG. 13

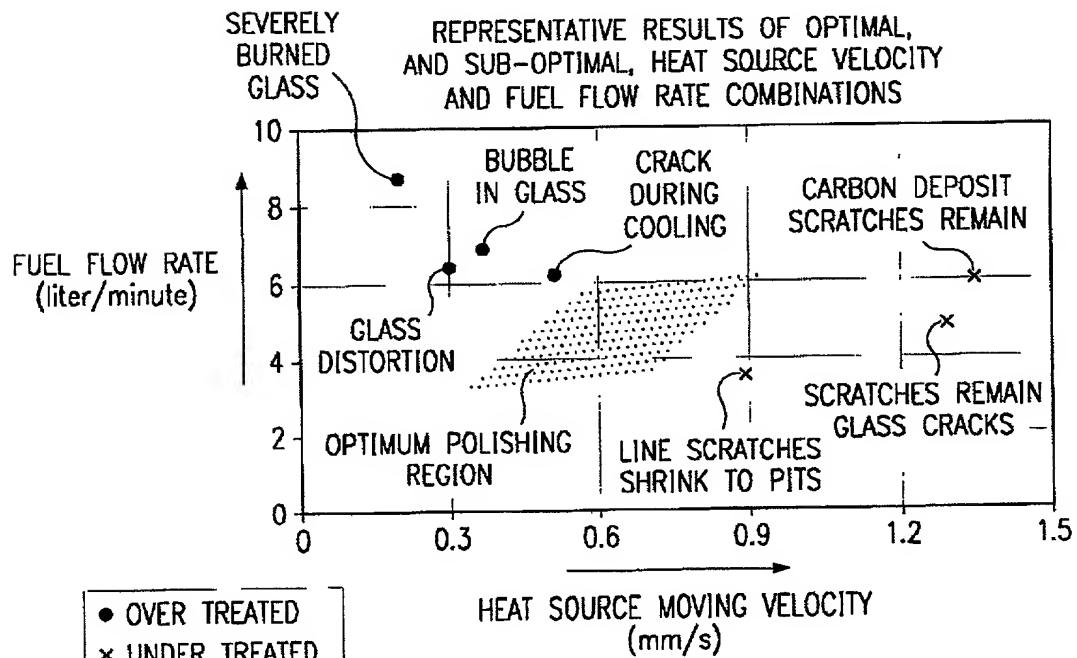


FIG. 14

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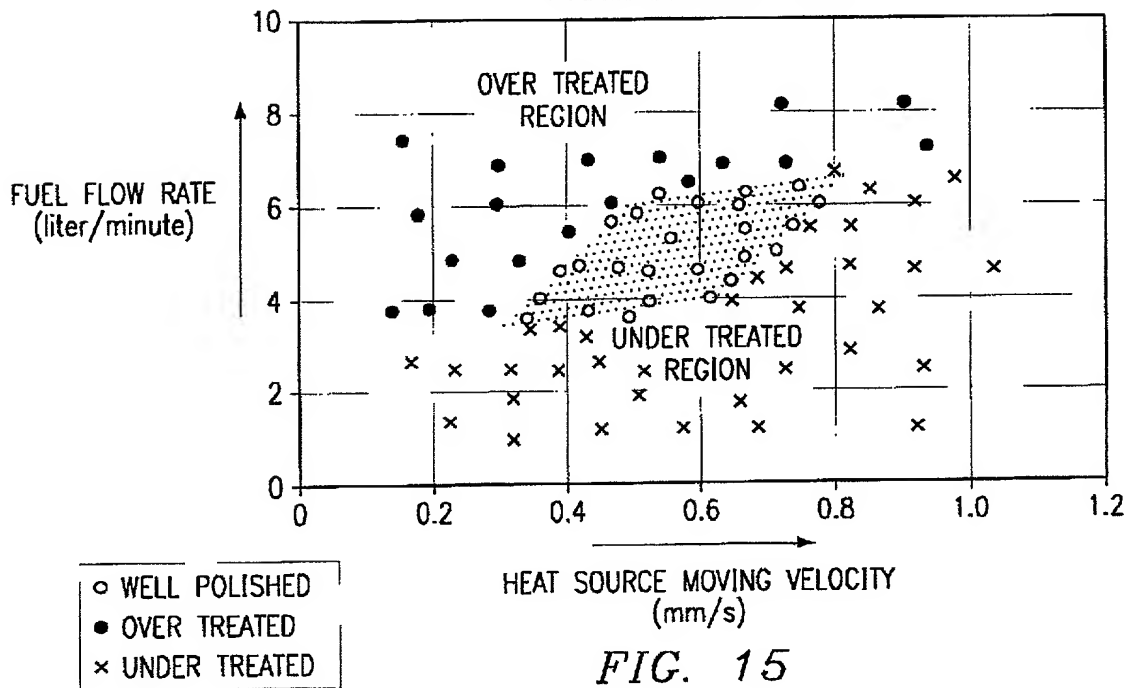
PROPANE: OXYGEN FUEL (RATIO 1:3:4)
NOZZLE DISTANCE 1.3cm

FIG. 15

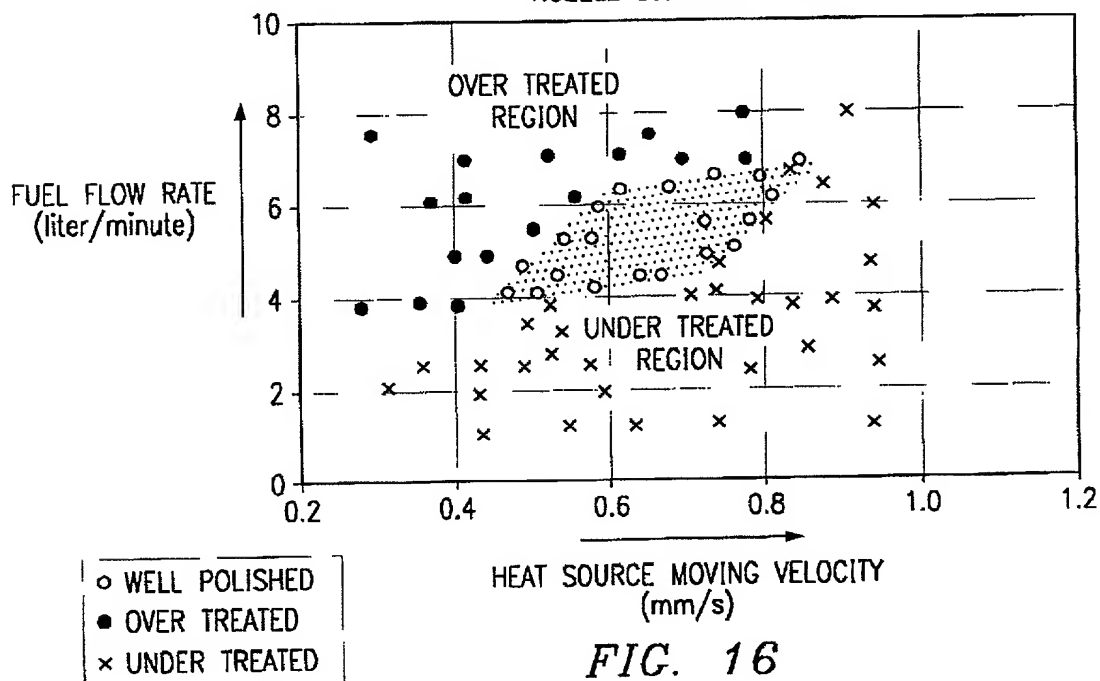
PROPANE: OXYGEN FUEL (RATIO 1:2:4)
NOZZLE DISTANCE 1.1cm

FIG. 16

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PROPANE: OXYGEN FUEL (RATIO 1:3:9)
NOZZLE DISTANCE 1.0cm

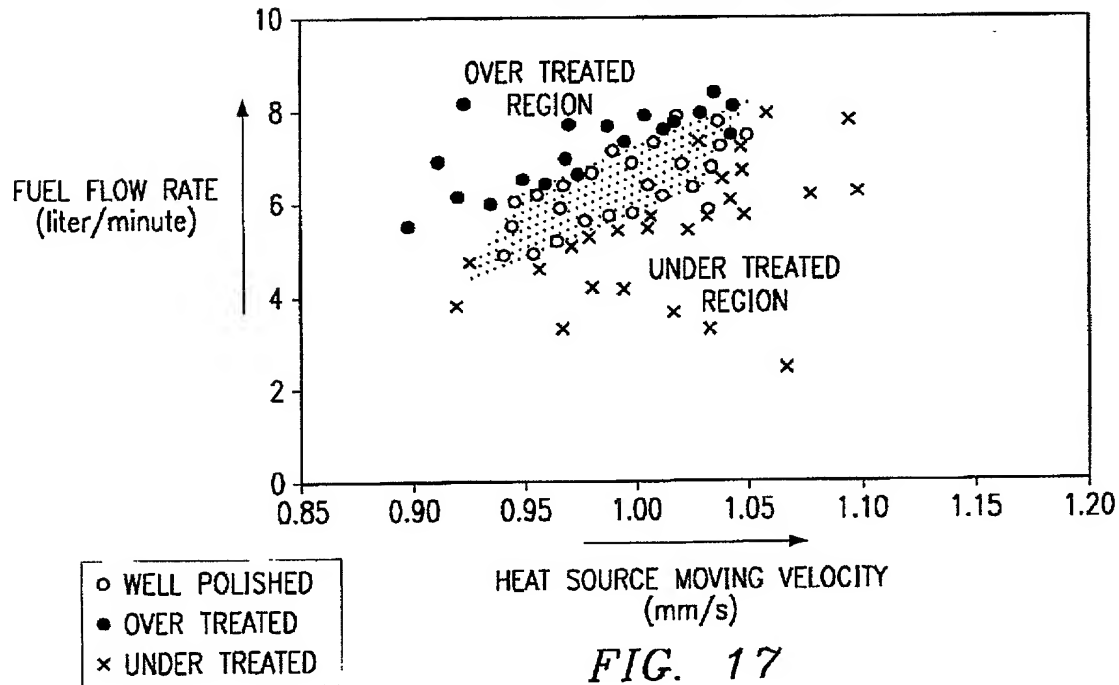


FIG. 17

PROPANE: OXYGEN FUEL (RATIO 1:3:3)
NOZZLE DISTANCE 0.9cm

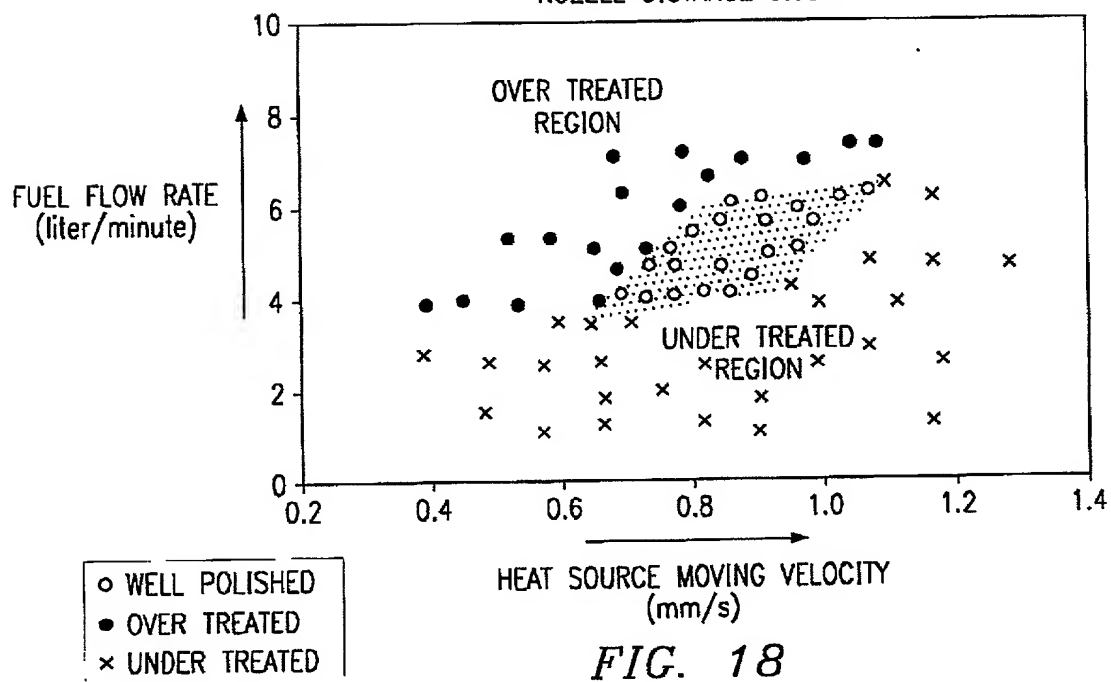


FIG. 18

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ACETYLENE: OXYGEN MIX (RATIO 1:1:2)
NOZZLE DISTANCE 5.8cm
TILT ANGLE 2°

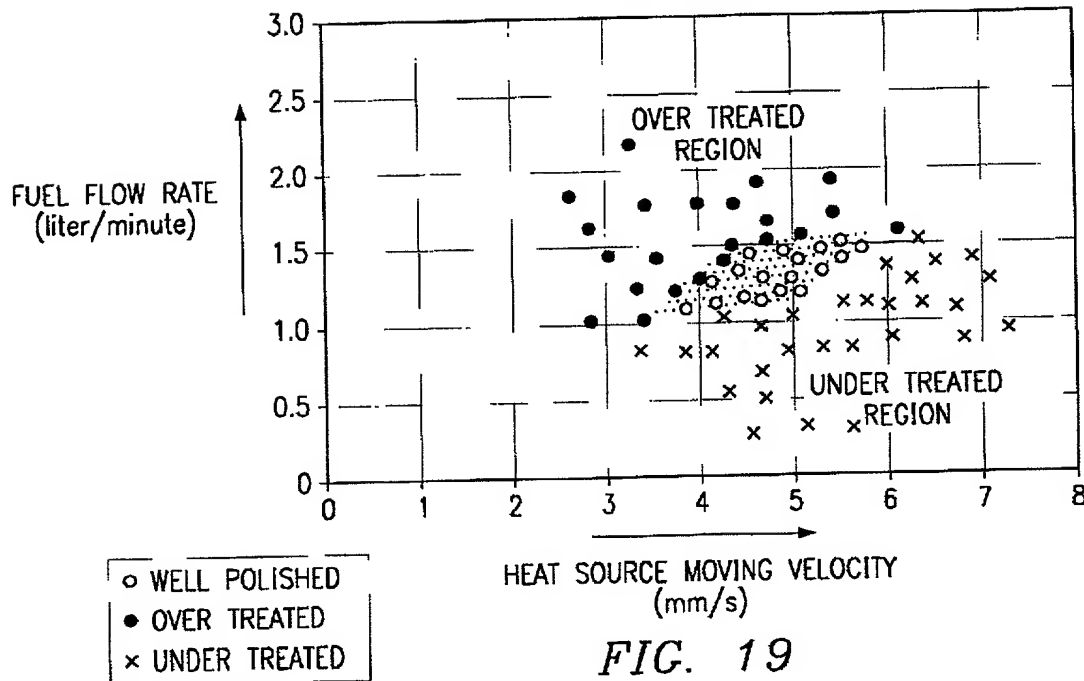


FIG. 19

ACETYLENE: OXYGEN MIX (RATIO 1:1:2)
NOZZLE DISTANCE 3.5cm
TILT ANGLE 2°

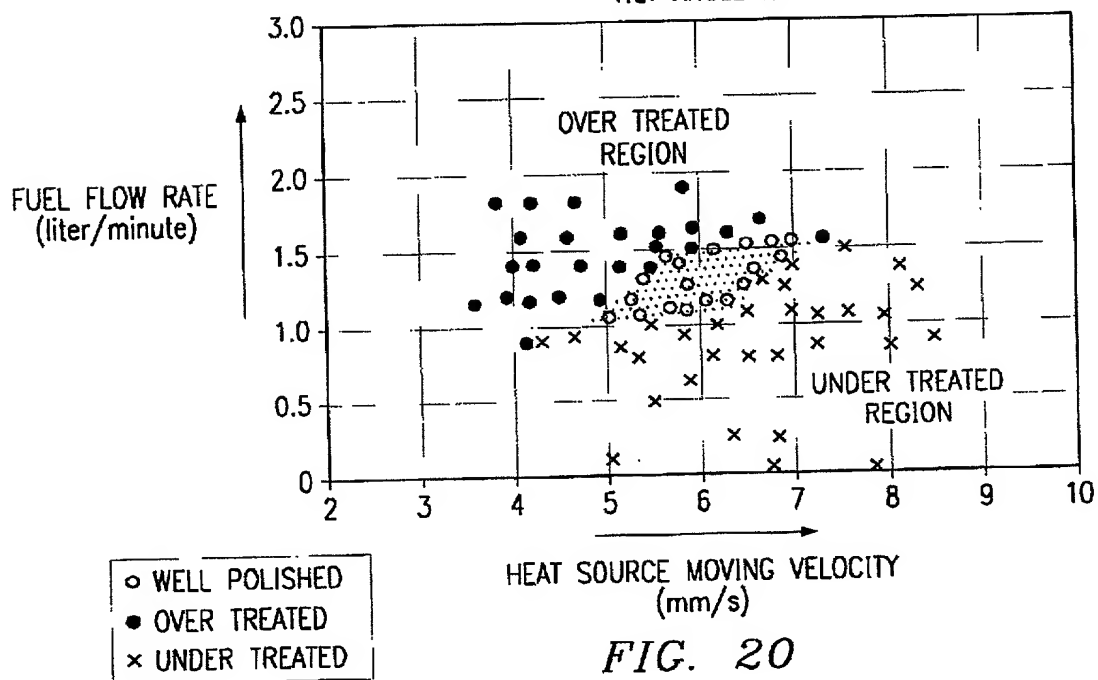


FIG. 20